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448/PYO

EVG-176US1

Substitute for Form 1448/PYO Complete If Known Application Number 10/674,163 INFORMATION DISCLOSURE Filing Date 9/29/2003 STATEMENT BY APPLICANT First Named Inventor Michael A. Del Vecchio et al. (Use as many shouts as necessary) Art Unit 1723 Examiner Name Joseph W. Drodge

Attorney Docket No.

SHEET 1 of 2

			U.S. PATENT	DOCUMENTS	CI Anto Et a ATTI
Examiner		Document Number			CLASSIFICATION
Initials*	No.1	Number - Kind Code ^{2 (II known)}	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Releva Figures Appear
	 	US 5,045,698	04/04/2000	Coto et al	· Marca Vahhear
		U3-6,214,231	04/10/2001	Cote et al.	
		US-5,607,593	03/04/97	Cole et al.	
		US-5,783,083	07/21/98	Henshaw et al.	
		US 5,639,373	06/17/97		
		US-5,403,479	04/04/95	-Mahendran-et-al	
		US-5,240,424	09/28/93	-Smith-et-al	
		US-5,958,243	-09/99	-Cote-et-ai-	
		US-5,643,485	07/97	Del Vecchio et al.	
		US-3,372,722		Kopp et al.	
		US-1,921,610	12/94	-Schwering-et-al	
			05/90	Ford et al.	
		U5-6,375,848	04/02	Cote et al-	
7.15		US-6,331,251	12/01	Del-Vecchio et al:	,
3 MD		US-6,627,082	09/30/03	Del Vecchio et al.	<u> </u>
	!	US			

	Γ	FOREIGN PA	TENT DOCUMEN	TS/WINTRY DR	CLASSIGLAMAN	1
zeminer	Cite	Foreign Patent Document		Name of Patentile or	Pages, Columns	t
nitials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (Il Mann)	Publication Date (MM-DD-YYYY)	Applicant of Cited	Lines, Where Kelevant Passages or Relevant	l
QWC		FR-2674448-A1 (partial translation)	10/02/1992		Figures Appear	L
		EP 1 088 792 A1	04/04/2001	EPO	entire document	
		DE 40 37 329	05/27/1992		Entire document -	Ĺ
		JP10057958 (English Abstract Only)	03/03/1998	GERMAN CO	entire document —	Γ
\perp		JP11128701 (English Abstract Only)		JAYAN A	entire decument -	
		JP10057780 (English Abstract Only)	05/18/1999	JVOUN TH	entire document -	
		WO 98/46S33 (English Language)	03/03/1998	TAPAN III	entire document	٦
17		WO 97/18887	10/22/1998	WIND -		j
\overline{V}		WO 98/37950	05/29/1997	W40		ď
ND		JP 4-131, 182	09/03/1998	MEDO JOYL		_
9/		JP 4-131, 102	05/1992	JAPAN 1		_
miner		Joseph Orodge				-
nature	<u> </u>	_ Joy Model		Date Considered	10-15-200	Ξ

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Kind of decument by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 if possible.

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Substitute for Form 1449/PTO		Complete if Known
	Application Number	10/874,163
NFORMATION DISCLOSURE	Filing Date	9/29/2003
STATEMENT BY APPLICANT	First Named Inventor	Michael A. Del Vecchio
(Use as many sheets as necossary)	Art Unit_	1723
	Examiner Name	Joseph W. Drodge
SHEET 2 of 2	Attorney Docket No.	EVG-176US1

IAWQ 2 ⁸⁰⁵ International Conference Advanced Wastewater Treatment, Recycling and Reuse, Milan, 14-16 September 1998, The ZenoGem® PROCESS FOR PHARMACEUTICAL WASTEWATER TREATMEMT P.L. Cote, S. Moni, L. Belli and D. Boneili Perry's Chemical Engineers' Handbook, International Edition 1984, McGraw-Hill, pp. 17-32 Handbook of Industrial Membranes, First Edition, K. Scott, 1995 Elsevier Science Publishers LTD, pp. 78-85 D. Thompson et al., "Demonstration of the Zenogem® Process for Municipal Wastewater Treatment," October, 1998, pages 1- B. Mourato et al., "The Zenogem® Process for Municipal Sewage Treatment Plant Upgrades," October, 1996, pages 1-12 Brochure, "Zenon: Treating Waster and Wastewater with Membrane Technology." Printed 4/98. D. Mourato, "The Use of Immersed Mombrane Bioreactor for Municipal Sewage Treatment Plant Upgrades and Pretreatment to Reverse Osmosis," April 1998, pages 1-11 "Demonstration of the ZenoGem® Process at the Milton (Halton Region) WPCP," Zenon Environmental, Inc.No date Writzen Opinion for int'l Applin, No. PCT/US00/15316 dated March 21, 2001.			NON-PATENT LITERATURE DOCUMENTS	
International Search Report of International Application No. PCT/US02/26665 IAWQ 2 ^{PD} International Conference Advanced Wastewater Treatment, Recycling and Reuse, Milan, 14-16 September 1998, The ZenoGem® PROCESS FOR PHARMACEUTICAL WASTEWATER TREATMEMT PL Cote, S. Monti, L. Belli and D. Bonelli Perry's Chemical Engineers' Handbook, International Edition 1984, McGraw-Hill, pp. 17-32 Handbook of Industrial Membranes, First Edition, K. Scott, 1995 Elsevier Science Publishers LTD, pp. 78-85 D. Thompson et al., "Demonstration of the Zenogem® Process for Municipal Wastewater Treatment," October, 1998, pages 1-18 D. Mourato et al., "The Zenogem® Process for Municipal Sewage Treatment Plant Upgrades," October, 1996, pages 1-12 Brochute, "Zenon: Treating Water and Wastewater with Membrane Technology." Printed 4/98. D. Mourato, "The Use of Immersed Mambrane Bioreactor for Municipal Sewage Treatment Plant Upgrades and Pretreatment to Reverse Osmosis," April 1998, pages 1-11 "Demonstration of the ZenoGem® Process at the Milton (Halton Region) WPCP," Zenon Environmental, Inc. No date Written Opinion for Int'l Apple. No. PCT/US00/15316 dated March 21, 2001.				,
P.L. Cote, S. Monti, L. Belli and D. Bonelli Perry's Chemical Engineers' Handbook, International Edition 1984, McGraw-Hill, pp. 17-32 Handbook of Industrial Membranes, First Edition, K. Scott, 1995 Elsevier Science Publishers LTD, pp. 78-85 D. Thompson et al., "Demonstration of the Zenogem® Process for Municipal Wastewater Treatment," October, 1998, pages 1- D. Mourato et al., "The Zenogem® Process for Municipal Sewage Treatment Plant Upgrades," October, 1996, pages 1-12 Brochure, "Zenon: Treating Water and Wastewater with Membrane Technology." Printed 4/98. D. Mourato, "The Use of Immersed Mombrane Bioreactor for Municipal Sewage Treatment Plant Upgrades and Pretreatment to Reverse Osmosis," April 1998, pages 1-11 "Demonstration of the ZenoGem® Process at the Milton (Halton Region) WPCP," Zenon Environmental, Inc. No date Written Opinion for Int'l Appln, No. PCT/US00/15316 dated March 21, 2001.	TWP		International Search Report of International Application No. PCT/US02/26665	+
Handbook of Industrial Membranes, First Edition, K. Scott, 1995 Elsevier Science Publishers LTD, pp. 78-85 D. Thompson et al., "Demonstration of the Zenogern® Process for Municipal Wastewater Treatment," October, 1998, pages 1- D. Mourato et al., "The Zenogern® Process for Municipal Sewage Treatment Plant Upgrades," October, 1996, pages 1-12 Brochure, "Zenon: Treating Water and Wastewater with Membrane Technology." Printed 4/98. D. Mourato, "The Use of Immersed Membrane Bioreactor for Municipal Sewage Treatment Plant Upgrades and Pretreatment to Reverse Osmosis," April 1998, pages 1-11 "Demonstration of the ZenoGern® Process at the Milton (Halton Region) WPCP," Zenon Environmental. Inc.No date Written Opinion for Int'l Appin. No. PCT/US00/15316 dated March 21, 2001.			P.L. Cote, S. Monti, L. Belli and D. Bonelli	1
D. Thompson et al., "Demonstration of the Zenogern® Process for Municipal Wastewater Treatment," October, 1998, pages 1- D. Mourato et al., "The Zenogern® Process for Municipal Sewage Treatment Plant Upgrades," October, 1996, pages 1-12 Brochure, "Zenon: Treating Water and Wastewater with Membrane Technology." Printed 4/98. D. Mourato, "The Use of Immersed Membrane Bioreactor for Municipal Sewage Treatment Plant Upgrades and Pretreatment to Reverse Osmosis," April 1998, pages 1-11 "Demonstration of the ZenoGern® Process at the Milton (Halton Region) WPCP," Zenon Environmental, Inc.No date Written Opinion for Int'l Appin, No. PCT/US00/15316 dated March 21, 2001.				Ī
D. Mourato et al., "The Zenogem® Process for Municipal Sewage Treatment Plant Upgrades," October, 1996, pages 1-12 Brochure, "Zenon: Treating Water and Wastewater with Membrane Technology." Printed 4/98. D. Mourato, "The Use of Immersed Membrane Bioreactor for Municipal Sewage Treatment Plant Upgrades and Pretreatment to Reverse Osmosis," April 1998, pages 1-11 "Demonstration of the ZenoGem® Process at the Milton (Halton Region) WPCP," Zenon Environmental, Inc.No date Written Opinion for Int'l Appin, No. PCT/US00/15316 dated March 21, 2001.	_			1
Brochure, "Zenon: Treating Water and Wastewater with Membrane Technology." Printed 4/98. D. Mourato, "The Use of Immersed Membrane Bioreactor for Municipal Sewage Treatment Plant Upgrades and Pretreatment to Reverse Osmosis," April 1998, pages 1-11 "Demonstration of the ZenoGern® Process at the Milton (Halton Region) WPCP," Zenon Environmental, Inc.No date Written Opinion for Int'l Appin. No. PCT/US00/15316 dated March 21, 2001.				C
D. Mourato, "The Use of Immersed Membrane Bioreactor for Municipal Sewage Treatment Plant Upgrades and Pretreatment to Reverse Osmosis," April 1998, pages 1-11 "Demonstration of the ZenoGem® Process at the Milton (Halton Region) WPCP," Zenon Environmental, Inc.No date Written Opinion for Int'l Appin. No. PCT/US00/15316 dated March 21, 2001.	4			[
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